

PUSKAS, Gh., prof.; INDIG, Bianca, dr.; METZ, Olga, R.dr.; NUSSBAUM, Vera, dr.;

Changes in blood protein and lipid patterns in diabetic
children in relation to the stage of metabolic compensation.
Pediatria (Bucur.) 13 no.6:481-490 N-D '64

1. Lucrare efectuată în Clinica de pediatrie, Tg. Mures
(conducător: prof. Gh. Puskas, doctor în științe medicale).

NUSSBERGER, J.; GRAFNETTER, D.

Polyester resins and their use. p. 601. (Sovetska Veda: Chemie, Vol. 6, No. 5, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl

NUSSBERGER, J.

Laminated materials for building purposes. p. 150. (Nova Technika, Vol. 2, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEA) LC, Vol. 6, No. 8, Aug 1957. Uncl.

NUSSBERGER, J.

Increasing the use of physics in geodesy. p. 179.

GEODETICKY A KARTOGRAFICKY OBZOR. (Ustredni sprava geodesie a kartografie) Praha, Czechoslovakia. Vol. 5, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 12, December 1959,
Uncl.

NUSSBERGER, J., inz.

Laminates as building materials. Nova technika 2 no.5:150-151
My '62.

Z/019/63/020/002/006/006
E073/E335

AUTHORS: Tlamsa, J. and Nussberger, J.

TITLE: Influence of organic vapors on contacts in radio engineering

PERIODICAL: Energetika i elektrotechnika. Přehled technické a hospodářské literatury, v. 20, no. 2, 1963, 83, abstract E63-1112 (Sborník prací výzkumného ústavu telekomunikací (Collection of papers of the Telecommunications Research Institute), 100 - 115)

TEXT: A study of the influence of organic vapors on contacts in communication engineering supplemented certain experimental results published in foreign literature. Organic vapors reduce the reliability and service life. By chemical activation they encourage the loss of metal by transient evaporation and thus accelerate electric erosion of the contacts. Guiding principles have been evolved for designing and selecting materials for communication equipment to reduce the unfavorable influence of organic vapors to an acceptable level. There are 8 figures, 6 tables and 10 references. [Abstracter's note: complete translation.]

Card 1/1

NUSSBERGER, Jiri, inz.

Soldering of aluminum and aluminum alloys. El tech obzor
53 no. 2:85-86 F '64.

L 38510-66 EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HM/JH

ACC NR: AP6009361 (A) SOURCE CODE: CZ/0073/65/000/011/0024/0024 34/5

AUTHOR: Nussberger, Jiri (Engineer; Prague)

ORG: none

TITLE: Surface treatment of aluminum and its alloys for capillary soldering. CZ Pat. No. PV 5048-62

SOURCE: Vynalezky, no. 11, 1965, 24

TOPIC TAGS: metal soldering, aluminum, surface treatment

ABSTRACT: An Author Certificate has been issued for a method of treating the surface of aluminum and its alloys for capillary soldering. The process has two phases. In the first one the surface is treated either with solution of primary salts of halide elements, or by a solution of binary or tertiary aliphatic or cyclic amines or their salts, with a minimum pH of 3, and which also contains metallic ions alloyed with aluminum, that is, silver, cadmium, tin, zinc, or indium. This solution also acts as a solvent for the oxidized layer. In the second

Card 1/2

L 38510-66

ACC NR:

AP6009301

phase, the surface is treated with a solution of primary, binary, or tertiary aliphatic or cyclic amines or their mixtures with an ionizing solvent with minimum pH of 8. This solution also serves as a wetting agent for molten solder. [KP]

SUB CODE: 13/ SUBM DATE: 31Aug62/

Card 2/2 *llb*

1. NUSUPBEKOV, A. N.
2. USSR (600)
4. Stalin, Iosif, 1879-1953.
7. I. V. Stalin, great creator of socialist statehood and the friendship of the peoples of the U.S.S.R. Vest. AN Kazakh. SSR 10, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.

POKROVSKIY, ~~SYNN~~ S. N., NUSUPBEKOV, A. N. and SHAKHIMATOV, V. F.

"Historical Studies in Soviet Kazakhstan," p.369. in Science in Kazakhstan during Forty Years of the Soviet Regime. Alma-ata. Izd-vo AN Kazakhskiy SSR, 1957, p. 452.
(ed. Satpayer, K. I.)

This is a collection of articles (20) compiled by 24 authors on various aspects of scientific progress in Soviet Kazakhstan. One third of the articles also deal with the progress made in the main fields of industrial endeavor. The articles on the development of Science survey the main contributions made in the respective branches by Kazakh Scientists, and enumerate and describe the existing scientific institutes, organizations, and Universities. A large number of scientists are mentioned and their fields of interest stated.

NUSUPBEKOV, A. N.

SATPAYEV, K.; BAISHEV, S.; POLOSUKHIN, A.; CHOKIN, Sh.; AUEZOV, M.;
MUKANOV, S.; KENESBAYEV, S.; SAURANBAYEV, N.; GALUZO, I.G.;
BALAKAYEV, M.; MUSABAYEV, G.; MAKHMUDOV, Kh.; ISMAILOV, Ye.;
SIL'CHENKO, M.; DYUSENBAYEV, I.; BAZARBAYEV, M.; SULEYMEANOVA, B.
NUSUPBEKOV, A.; SHOINBAYEV, T.; GABDULLIN, M.; ZHARKESHEVA, G.

Sarsen Amanzholov; obituary. Vest. AN Kazakh. SSR 14 no.2:100-101
F '58. (MIRA 11:2)

(Amanzholov, Sarsen Amanzholovich, 1903-)

SAPARGALIYEV, G.S., kand. yurid.nauk; PAL'GOV, N.N., akad.; BOGATYREV, A.S.;
 AFANAS'YEV, A.V., prof.; BYKOV, B.A.; SHAKHMATOV, V.F., kand. istor.
 nauk; POKROVSKIY, S.N., akad.; SAVOS'KO, V.K., kand. istor. nauk;
 NUSUPBEKOV, A.N., kand. istor. nauk; BAISHEV, S.B., akad.; GOROKH-
 VODATSKIY, I.S., kand. istor. nauk; AKHMETOV, A., kand. istor. nauk;
 RAKHIMOV, A., kand. istor. nauk; PIVEN', N.F.; CHULANOV, G.Ch., doktor
 ekonom. nauk; BOROVSKIY, V.A., kand. ekonom. nauk; SYDYKOV, A.S., kand.
 pedagog. nauk; ZHANGEL'DIN, T., kand. filos. nauk; KARASAYEV, L.K.;
 KANAPIN, A.K., kand. istor. nauk; BELENOV, M.D., kand. ekonom. nauk;
 KARYNBAYEV, S.R., kand. med. nauk; AKHMETOV, K.A.,; SMIRNOVA, N.S.,
 doktor filolog.nauk; SIL'CHENKO, M.S., doktor filolog. nauk; YERZA-
 KOVICH, B.G., kand. iskusstvovedcheskikh nauk; RYBAKOVA, N.; MUKHTA-
 ROV, A.I.; BOGATENKOVA, L.I.; KUNDAKBAYEV, B.; SIRANOV, K.S.; SHVID-
 KO, Z.A., red.; MAMTSOVA, L.B., red.; ZLOBIN, M.V., tekhn. red.

[The Soviet Kazakh Socialist Republic] Kazakhskaya Sovetskaya So-
 tsialisticheskaya Respublika. Alma-Ata, Kazakhskoe gos. izd-vo,
 1960. 477 p. (MIRA 14:6)

1. Akademiya nauk Kaz.SSR (for Pal'gov, Pokrovskiy, Baishev)
2. Chlen-korrespondent Akademii nauk KazSSR (for Bykov, Smirnova,
 Sil'chenko)

(Kazakhstan)

PINEGINA, Lidiya Alekseyevna; NUSUPBEKOV, A.N., otv. red.;
LEVIN, M.L., red.; ALFEROVA, P.P., tekhn. red.

[Copper giant; an historical sketch] Mednyi gigant;
istoricheskii ocherk. Alma-Ata, Izd-vo AN KazSSR, 1963.
147 p. (MIRA 17:2)

USTINOV, B. P.; ZHURGENBAYEV, K. A.; MUGUPSEKOVA, D. A.

"The calculation of convective heat transfer of an incompressible liquid in complex-configuration channels."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Power Inst, AS KazSSR.

ACCESSION NR: AP4043406

S/0031/64/000/007/0051/0057

AUTHORS: Nusupbekova, D. A.; Ustimenko, B. P.

TITLE: Calculation of laminar convectional heat exchange in a flat curved channel

SOURCE: AN KazSSR. Vestnik, no. 7, 1964, 51-57

TOPIC TAGS: Nusselt number, heat exchange, Reynolds number, channel flow, heat transfer coefficient

ABSTRACT: The study of mathematically precise equations for theoretical consideration of laminar convectional heat exchange in variously curved channels explains the mechanics of the process and requirements for laminar flow. The hydrodynamics and heat exchange of an incompressible liquid in a laminar current were treated for different relative heat fluxes in the channel walls. Centrifugal force played a role in all cases except the limiting one where the curvature $R =$

$\frac{r_2}{r_1}$ (r_1, r_2 are the radii of the channel walls) was 1, which is the limiting

condition (a flat, straight channel). The speed distribution for a constant
Card 1/2

ACCESSION NR: AP4043406

flow with varying curvatures was plotted, and the speed maximum was found to shift toward the inner channel wall as R increased. The resistance coefficient (drag) ξ was determined, and its value in the limiting condition $R = 1$ agreed with the usual value for resistance in a straight channel. ξ was plotted for various Reynolds numbers and curvatures and was found to increase with higher R_s . Using the thermoconductive coefficient, the heat flux at the walls, energy balance, average flow value of the temperature excess, and boundary conditions, the temperature profile and heat transfer coefficients were calculated. Nusselt numbers were calculated for the inner and outer walls, using heat transfer coefficients. In both curved and straight channels the distribution of the dimensionless excess temperature was plotted for different values of relative heat fluxes. With a growth of the relative heat fluxes the temperature extreme shifted to the wall having the lesser heat flow. R 's effect on the temperature profile showed the temperature extreme shifted toward the inner wall as R increased. The dependence of the Nusselt numbers for straight and curved channels was plotted as a function of the heat flow and R , and it was found to be qualitatively similar for all R . Orig. art. has: 4 figures and 21 equations.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MA,TD

NO REF SOV: 003

OTHER: 002

Card 2/2

L 13554-66 EWT(1)/ETC(F)/EPF(n)-2/EWG(m) WW/Q8

ACC NR: AT6001358

SOURCE CODE: UR/0000/65/000/000/0116/0130

AUTHOR: Ustimenko, B. P.; Zhurgenbayev, K. A.; Nusupbekova, D. A.

ORG: Institute of power engineering, AN KazSSR (Institut energetiki, AN KazSSR)

TITLE: Calculation of the convective heat transfer of an incompressible liquid in intricate-shaped channels 27,49,55

SOURCE: Teplo- i massoperenos. t. 1: Konvektivnyy teploobmen v odnorodnoy srede (Heat and mass transfer. v. 1: Convective heat exchange in a homogeneous medium). Minsk, Nauka i tekhnika, 1965, 116-130

TOPIC TAGS: heat transfer, turbulent heat transfer, convective heat transfer, thermodynamics

ABSTRACT: Results are presented of the calculations of the resistance and heat transfer in the laminar flow of an incompressible viscous liquid in plane rectilinear and curvilinear channels for various ratios of the heat fluxes on the channel walls. Approximate calculations are also given for turbulent convective heat transfer in channels using a hydrodynamic integrator. The results indicate that as the ratio of the heat fluxes on the walls increases, the maximum of the temperature profile shifts toward the wall having the smaller heat flux. In the case of the laminar circular flow, the dimensionless temperature maximum shifts toward the side of the interior wall as the curvature parameter m increases. Formulas for calculating the Nusselt num-

Card 1/2

L 13554-66

ACC NR: AT6001358

ber are given and curves showing the comparative results of the experimental and theoretical heat transfer calculations are also presented. These results compared quite favorably and thus confirm that a hydrointegrator may be used to compute turbulent convective heat transfer in various intricate-shaped channels. [TN]

SUB CODE: 20/ SUBM DATE: 31Aug65/ ORIG REF: 002/ OTH REF: 005/ ATD PRESS:

4/85

Card 2/2

I 23522-66 EWP(m)/EPF(n)-2/ETW(l)/ETC(m)-6/ETC(f)/EWG(m)/EWA(l)/EWP(v) WW/HM
 ACC NR: AP6004980 SOURCE CODE: UR/0031/66/000/001/0047/0054

AUTHOR: Nusupbekova, D. A.; Ustimenko, B. P. 68
B

ORG: none

TITLE: Investigation of heat transfer in the turbulent flow of a fluid in a flat curvilinear channel 1.5

SOURCE: AN KazSSR. Vestnik, no. 1, 1966, 47-54

TOPIC TAGS: convective heat transfer, turbulent flow, fluid flow, hydraulics, Nusselt number, Reynolds number

ABSTRACT: The experimental measurements were made in a channel with a mean radius of curvature of 215 mm. The walls of the channel were 30 mm apart and had a height of 300 mm. The ratio of the external and internal radii was 1.15. The temperature of the walls was maintained constant by independent cooling water jackets. The experimental error in determination of the temperature profile and the Nusselt number was not greater than 1 and 10%, respectively. The Reynolds number, calculated with respect to the equivalent diameter, was varied between 50,000 and 178,000. The wall temperature was held constant and, in different experiments, was between 20-25°. The temperature difference between the

Card 1/2

L 23522-66

ACC NR: AP6004980

walls of the channel and the flow was selected in the interval 60-90°C. The experimental results are presented graphically. They include detailed data on the temperature profiles and the heat transfer coefficients in the given case. The heat transfer rate in a flat curvilinear channel ($R = 1.15$) was found to be approximately 20-25% higher than in flat and round straight tubes. The heat transfer coefficients to the outer wall were found to be substantially higher (about 2 times) than those to the inner wall. The heat transfer was calculated by application of the hydraulic theory of heat transfer to fully developed flow in a flat curvilinear channel. The formulas obtained are claimed to agree well with the experimental data. Orig. art. has: 18 formulas and 3 figures.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 004

Card

2/2 *Jo*

NUSUROV, N.A., nauchnyy sotrudnik; LUKPANOV, N.L., nauchnyy sotrudnik

Insecticides to control the leaf beetle *Theone silphoides*.

Zashch. rast. ot vred. i bol. 7 no.10:31 0 '62.

(MIRA 16:6)

(Leaf beetles--Extermination)

ULTA, E.; ULTA, M.

Electric or hydraulic transmission? p.131.

REVISTA SAILOR FEMATE. (Calle Ferate Romine)
Bucuresti, Rumania
Vol. 7, no. 3, Mar. 1959.

Monthly list of Eastern European Accession Index (SEAI) LC vol. 5, No. 11
November 1959
Uncl.

GHERMAN, V., ing.; SCHMIDT, Eugen; NUTA, Elena; VILCU, Emil; CONSTANTIN, A., ing.

New buildings in the cities of Rumania. Constr Buc 14 no.649:1 16 Je '62.

1. Directorul Intreprinderii de constructii no.3-Roman a Trustului Regional de Constructii de Locuinte-Bacau (for Gherman).

IONESCU, E.; TOMESCU, Eugenia; NUTA, Ernestina

Obtention of binary complex concentrated fertilizers; laboratory experiments of preparing the fertilizer with the ratio N:P=22:22.
Rev chim Min petr 13 no.9:517-523 S '62.

NOTA, M.; NOTA, D.

Electric or hydraulic transmission? p.121.

REVISTA CALOR FERACE. (Cale Ferate Romane)
Bucaresti, Rumania
Vol. 7, no. 3, Mar. 1959.

Monthly list of Eastern European Accession Index (DEAL) IC vol. 8, No. 11
November 1959
Uncl.

JELEA, Al.; ERNEST, Ilie; PIRVU, V.; NUTA, M.; DIACONU, J.

Contributions to the study of trypsin treatment in bronchopulmonary
disease. Rumanian med. rev. no.2:25-28 '62.
(TRYPSIN) (LUNG DISEASES)

JELEA, Al., dr.; VULPESCU, S., dr.; IOTA, C.Gh., dr.; ILIU, E., dr.; NUTA, M.,
dr.; DIACONU, Justin, dr.

Contribution to the study of the morphofunctional correlations in
bronchial asthma. Med. intern. 3:281-283 Mr '62.

1. Lucrare efectuata in Clinica medicala a Institutului de medicina
interna al Academiei R.P.R., a Ministerului Sanatatii si Prevederilor
Sociale (director: acad. N. Gh. Lupu).

(ASTHMA pathology) (RESPIRATION physiology)
(BRONCHI radiography)

JELEA, Al.; IOTA, C.G.; RACOVEANU, Carmen; ILIE, E.; NUTA, M.

Method of spirographic diagnosis of tracheobronchial dyskinesia of
the hypotonic type. Stud. cercet. med. intern. 3 no.5:661-668 '62.
(TRACHEA) (BRONCHIAL DISEASES) (RESPIRATORY FUNCTION TESTS)

JELEA, Al., dr.; ERNEST, Ilie, dr.; PIRVU, V., dr.; NUFA, M., dr.; DIACONU, J.,
intern

Contributions to the study of trypsin therapy in bronchopulmonary diseases. Med. intern. 14 no.1:67-72 Ja '62.

1. Lucrare efectuata in Institutul de medicina interna al Academiei
R.P.R. si M.S.P.S., director: acad. N.Ch. Lupu.
(LUNG DISEASES therapy) (BRONCHI diseases)
(TRYPSINS therapy)

PAPPO, A.; ROXIN, T.; NUTA, M.; VELCIU, Sanda

Contributions to the use of sorbitol in clinical tests of bile
excretion. Stud. cercet. med. intern. 6 no.1:39-46 '65.

LEKAREV, L.G.; KLANTSA, P.A.; RYUKHOV, F.S.; BRESLER, B.S.; VOLOVODOVSKIY,
Ye.M.; HUTEL'S, M.P.

Hospital care requirements of the rural population and methods for
its determination. Sov. zdrav. 16 no.2:30-38 F '57
(MLRA 10:4)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny
(zav.-prof. L.G. Lekarev) Vinnitskogo meditsinskogo
instituta (dir.-dotsent S.I. Korkhov)

(RURAL CONDITIONS

dispensary care requirements of rural population in Russia
methods for determ.)

(OUTPATIENT SERVICES

same)

NOTENKO, E.A.; KHETRIK, L.A.

Comparison of the clinical aspects and course of schizophrenia in
close relatives in III families. Zhur. nevr. i psikh. 65 no.10:1547-
1553 '65. (MIRA 18:10)

1. Zaporozhakaya oblastnaya psikhiatricheskaya bol'nitsa (glavnyy
vrach I.Ya.TSiman).

FRIDMAN, G.B.; NUTERMAN, T.L.

Reaction of copper salts with mannitol. Izv. vys. ucheb. zav.;
khim. i khim. tekhn. 8 no.1:162-163 '65. (MIRA 18:6)

1. Krymskiy sel'skokhozyaystvennyy institut imeni Kalinina,
kafedra obshchey khimii.

NUTESCU, E.

Distr: 4E2c(j)

9 16
Suspension agents for suspension polymerization. Oziat
Solomon and Eugen Nutescu (Polytech. Inst. Bucharest).
Bul. inst. politehn. Bucuresti 20, No. 2, 71-9(1958)(in
German).—In vinyl chloride polymerizations a copolymer
of vinyl alc. contg. 43% maleic anhydride as the suspension
agent is more effective than 5-7 times as much gelatin (in
terms of giving a finer suspension), permits polymerization
at H₂O-monomer ratios as low as 1.3, and yields a colorless
polymer. The copolymer is also more effective than
poly(vinyl alc.). J. P. Phillips

Card 1/1

aht

DUCA, V.; DUCA, Eug.; NUTESCU, O.

Immunizing value of fixed virus (Rabies strain) inactivated
by a modified electro-catadynic method. Rev. igiena microb.
epidem., Bucur. no.4:68-83 Oct-Dec 54.

1. Catedra de bacteriologie I.M.F., Iasi Laboratorul de
microbiologie si imframicrobiologie I.M.F. Iasi.

(RABIES, virus^{is}

fixed virus inactivated by electro-catadynic method,
immunizing value)

RUMANIA / Microbiology - Sanitary Microbiology. F-3

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38427.

Author : Tudoranu, H., Stavri, Gr., Cuciureanu, G., Nutescu,
O., Ionescu, M., Birzu, N., Ovanescu, A.

Inst : Not given.

Title : Some Data on Occurrence of Hemolytic Streptococci
in the Air of Classrooms and Rooms of a Scarlet
Fever Hospital.

Orig Pub: Rev. microbiol., parazitol. si epidemiol., 1956,
1, No 1, 51-56.

Abstract: During a scarlet fever epidemic and during the non-
epidemic period, the prevalence of hemolytic strep-
tococci was determined in the air of classrooms and

Card 1/2

L 54020-65 EWT(d) IJP(c)

ACCESSION NR: AR5012990

UR/G044/65/000/003/B138/B138

SOURCE: Ref. zh. Matematika, Abs. 3B682

AUTHOR: Nutfullin, Sh. N.

TITLE: Approximate calculation of improper double integrals using interpolation cubatures

CITED SOURCE: Uch. zap. Kemerovsk. gos. ped. in-t, vyp. 7, 1963, 23-25

TOPIC TAGS: double integral, improper double integral, interpolation cubature, approximate integration, Chebyshev polynomial, Hermite polynomial

TRANSLATION: The following cubature formulas are proposed for the approximate calculation of improper double integrals

$$\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} e^{-x^2-y^2} f(x, y) dx dy = \sum_{l=1}^m a_l^{(m)} a_l^{(n)} \times \\ \times f(x_l^{(m)}, y_l^{(n)}) + C_n \sum_{l=1}^m a_l^{(m)} b_l^{(n)} + C_m \sum_{l=1}^n a_l^{(n)} b_l^{(m)} + C_m C_n b_l^{(n)} \quad (1)$$

where

Card 1/2

$$a_l^{(m)} = \frac{2^{m+1/2} \sqrt{\pi}}{H_m'(x_l^{(m)})}, \quad a_l^{(n)} = \frac{2^{n+1/2} \sqrt{\pi}}{H_n'(y_l^{(n)})}, \quad + C_m C_n b_l^{(n)} \quad (2)$$

L 54020-65

ACCESSION NR: AR5012990

$x_i^{(m)}$ and $y_i^{(n)}$ are roots of the Chebyshev-Hermite polynomials $H_m(x)$ and $H_n(y)$, respectively, $c_k = \frac{\sqrt{\pi}}{4^k (2k-1)!!}$, $b_i(l) = \frac{\partial^{2l}}{\partial x^{2l}} f(x_i^{(m)}, l)$, (3)

$$b_i(l) = \frac{\partial^{2l}}{\partial y^{2l}} f(l, y_i^{(n)}),$$

$$b = \frac{\partial^{2(m+n)}}{\partial x^{2m} \partial y^{2n}} f(l, l); (-\infty < k, l < +\infty),$$

$$\int_0^\infty \int_0^\infty e^{-x-y} f(x, y) dx dy = \sum_{l=1}^{m,n} a_i^{(m)} a_i^{(n)} f(x_i^{(m)}, y_i^{(n)}) +$$

$$+ \beta_n \sum_{l=1}^m a_i^{(m)} b_i(l) + \beta_m \sum_{l=1}^n a_i^{(n)} b_i(l) + \beta_m \beta_n b$$

$$(0 < k, l < \infty),$$

where $x_i^{(m)}$ and $y_i^{(n)}$ are roots of the Chebyshev-Laguerre polynomials $L_m(x)$ and $L_n(y)$, respectively;

$$a_i^{(m)} = \frac{1}{x_i^{(m)}} \left[\frac{m!}{L_m'(x_i^{(m)})} \right]^2, \quad a_i^{(n)} = \frac{1}{y_i^{(n)}} \left[\frac{n!}{L_n'(y_i^{(n)})} \right]^2, \quad (5)$$

$$\beta_k = \frac{k!}{2^k (2k-1)!!}$$

Numerical examples are also given. M. Lyashchenko

SUB CODE: MA

ENCL: 00

Card 2/2

L 31309-65 EWT(d) IJP(c)

ACCESSION NR: AR5004809

S/0044/64/000/011/B112/B112

AUTHOR: Nutfulin, Sh. N.

SOURCE: Ref. zh. Matematika, Abs. 11B496

TITLE: Contribution to the theory of calculation of definite integrals with the aid of mechanical quadrature formulas 16

CITED SOURCE: Uch. zap. Novosib. gos. ped. in-t, vyp. 18, 1963, 121-130

TOPIC TAGS: integration, mechanical quadrature formula, proper integral, improper integral, approximation polynomial

TRANSLATION: Improved mechanical quadrature formulas are derived for the calculation of proper and improper integrals, and corresponding estimates are given. In the definite integral

Card

1/5

L 31309-65

ACCESSION NR: AR5004809

$$I = \int_a^b f(x) dx, \quad (1)$$

where $f(x)$ is a continuous function having bounded derivatives of all orders, the integrand $f(x)$ is approximated by an m -term expression of the form

$$f(x) \approx \sum_{q=1}^m A_q e^{\lambda_q x},$$

where a_q and λ_q do not depend on x . Then the author obtained for the calculation of (1) a general mechanical-quadrature formula of the type

$$I \approx nh \sum_{l=0}^{k-1} \sum_{s=0}^n K_{nl}^s f(a + lh + sh) \dots$$

Card

2/5

L 31309-65

ACCESSION NR: AR5004809

$$-h \sum_{p=1}^{\infty} \beta_{2p-1}^{(n)} \{f^{(2p-1)}(b) - f^{(2p-1)}(a)\} / i^{2p}, \quad (2)$$

where $h = (b - a)/kn$, K_n^s -- coefficients of the Newton-Cotes quadrature formula with n interpolation points, and $\beta_{2p-1}^{(n)}$ -- known coefficients calculated by means of special formulas. From (2) with $n = 1$ and $k = k_1$, with $n = 2$ and $k = k_2$, and with $n = 3$ and $k = k_3$, and with $n = 4$ and $k = k_4$, one obtains several previously known formulas, in particular the well-known Euler-Maclaurin formula. In those cases when the calculation of the derivatives of the integrand in (1) is difficult, the author proposes a quadrature formula in which use is made of finite-difference relations of the type

$$f = nh \sum_{l=0}^{k-1} \sum_{s=0}^{n-1} K_{sl}^k / (a + lh + sh) +$$

Card

3/5

L 31309-65

ACCESSION NR: AR5004809

$$+ nh \sum_{j=1}^{\infty} \gamma_j^{(n)} \{ (-1)^j / \Delta^j f(b-jh) + \Delta^j f(a+lh) \}, \quad (3)$$

where $\gamma_j^{(n)}$ -- fully defined coefficients. When $n = 1$, Eq. (3) leads to the well-known Laplace formula.

If the integrand of the improper integral

$$\int_0^{\infty} f(x) dx$$

satisfies the following conditions:

$$\lim_{x \rightarrow \infty} f(x) = 0, \quad \sup_{x \geq 0} |f^{(r)}(x)| < \infty, \\ \lim_{x \rightarrow \infty} f^{(r)}(x) = 0, \quad r = 1, 2, \dots$$

and the series

Card

4/5

L 31309-65

ACCESSION NR: AR5004809

$$\sum_{k=0}^{\infty} f(x)$$

can either be easily calculated, or readily estimated with a prescribed accuracy, then the following formula holds true

$$\int_0^{\infty} f(x) dx \approx nh \sum_{l=0}^{\infty} \sum_{s=0}^n K_n^s f(l/n + sh) + \\ + n \sum_{p=1}^{\infty} \beta_{2p-1}^{(n)} f^{(2p-1)}(0) h^{2p}.$$

In conclusion a general method is indicated for obtaining a series of estimates for proper and improper integrals, and a numerical example is also considered. N. Lyashchenko.

SUB CODE: MA

ENCL: 00

Card

5/5

NUTFULLIN, Sh.N.

Some aspects of the theory of calculating improper multiple integrals. Uch. zap. Novosib. gos. ped. inst. no.18:106-120 '63.

Theory of calculating certain integrals with the aid of mechanical quadrature formulas. Ibid.:121-130

(MIRA 17:10)

MUTKULIN, Sh. N. (Kemerovo)

Method for the approximate computation of singular integrals.
Volzh. mat. sbor. no.1:187-193 '63.

Some sufficient criteria of convergence and the corresponding
estimation of singular multiple integrals. Ibid.:194-198
(MIPA 19:1)

OSTROGOVICH, G.; BACALOGLU, R.; NEMES, A.; CATALINA, Elena; NUTIU, Maria

Infrared spectra in the field of amidic derivatives of carbonic acid.
Pt.1. Studii chim Timisoara 10 no.1:71-100 Ja-Je '63.

1. Timisoara, Institutul Politehnic, Laboratorul de Chimie Organica.

NUTIU, R.

Determination of the dithiodiglycolic acid together with
the mercaptoacetic acid. Rev chimie Min petr 15 no.2:114
F '64.

MALTABAR, Vasil'y Markovich; ~~NUTOV, Lev Oskarovich~~; FERTMAN, Grigoriy
Issakovich; DZHANPOLADYAN, B.M., kand.khim.nauk, retsenzent;
AGABAL'YANTS, G.G., prof., spetsred.; KRUGLOVA, G.I., red.;
SOKOLOVA, I.A., tekhn.red.

[Technology of making cognac] Tekhnologiya kon'iaka. Moskva,
Pishchepromizdat, 1959. 239 p. (MIRA 1218)
(Brandy)

RUDNEV, Nikolay Mikhaylovich; NUTOV, Lev Oskarovich; SOKOLOVSKAYA,
T.A., red.; ZARSHCHIKOVA, L.N., tekhn. red.

[Processing of by-products in the wine-making industry] Pere-
rabotka vtorichnogo syr'ia vinodel'cheskoi promyshlennosti.
Moskva, Pishchepromizdat, 1962. 61 p. (MIRA 15:10)
(Wine and wine making--By-products)

NUTOVICH, M.B., inzh.

Magnetic float liquid level indicator used in tanks. Sudostroenie
24 no.3:68 Mr '58. (MIRA 11:4)
(Liquid level indicators)

MEL'NIKOV, N.N.; NUTOVICH, P.B.; KUKALENKO, S.S.

Investigation of new herbicides and effective forms of the application of 2,4-D and 2, 4, 5-T. [Trudy] NIUIP no.164:21-22 '59.

(MIRA 15:5)

(Herbicides)

MEL'NIKOV, N.N.; NUTOVICH, P.B.

Amine salts of halophenoxyacetic acids. [Trudy] NIUIF no.171:
135-137 '61. (MIRA 15:7)
(Acetic acid) (Herbicides)

1. NUTRIKHIN, I.K.
2. USSR (600)
4. Furnaces
7. Fire grates that prevent fuel from dropping through on river boats, mech.transp.
13 no. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

NUTRIKHIN, I.K.; TRUBNIKOV, M.Z.

New method of replacing steam boiler firebox walls. Rech.transp.
16 no.10:39 0 '57. (MIRA 10:12)
(Boilers, Marine--Maintenance and repair)

NUTRIKHIN, I., inzhener; TRUBNIKOV, M., elektrosvarshchik.

Changing combustion chamber wall plates in the steam boiler
of the steamer "Minsk." Mor.flet 17 no.8:25 Ag '57. (MIRA 10:10)

1.Lenvodput'.

(Boilers, Marine)

NUTRIKHIN, I., inzh.

Legitimate demand. Rech. transp. 21 no.9:28 S '62.

(MIRA 15:9)

(Boilers, Marine)

TETENEVA, V.F. (Murmansk); MALYSHEV, Yu.I. (Leningrad); GREBENNIKOVA,
A.T. (Leningrad); BAZHENOV, V.S.; IVASHKEVICH, E.I.;
SAFRONOVA, A.I. (Vitebsk); NOVIK, M.G.; OKUNEVA, G.N.
(Novos'birsk); NEDVETSKAYA, L.M. (Moskva); SENT-UMEROV, S.M.
(Vladivostok); PELYAVSKIY, I.P. (Odessa); LIPSKIY, L.I.;
NUTRIKHIN, N.A. (Arkhangel'sk); KERIMOV, G.M. (Baku);
BARAKOV, V.Ya. (Samarkand)

Abstracts. Grud. khir. 6 no.1:118-126 Ja-P '64.

(MIRA 18:11)

NUTRIKHINA, N.N.; SEMENOVSKAYA, N.A. (Arkhangel'sk)

Case of malignant hypertension in aplasia of the kidney and multiple paragangliomas. Klin.med. 39 no.1:131-133 Ja '61.

(MIRA 14:1)

1. Iz kafedry gosspital'noy terapii (zav. - doktor med.nauk F.M. Vasilevskaya) i kafedry patologicheskoy anatomii (zav. - kand.med.nauk M.B. Rappoport) Arkhangel'skogo meditsinskogo instituta (dir. - dotsent A.A. Kirov).

(HYPERTENSION) (KIDNEYS—ABNORMALITIES AND DEFORMITIES)

NUTRIKHINA, N.N.

Effect of the blood serum of patients with rheumatic fever on
the permeability of capillaries of the skin in rabbits. Pat.
fiziol. i eksp. terap. 9 no.3:75 My-Je '65. - (MIRA 18:9)

LEONOVA, S.; PARKHOMENKO, A.; BRUSSER, I.; MERKINA, N.; MARTUNENKO, G.;
YEGOROV, Yu. (Leningrad); NUTSKIY, Ya.; ARTEMOV, N.; ZHMUDSKIY, Yu.

We can learn from the practices applied in Leningrad. Mest.prom.
i khud.promys. 3 no.5:13-20 My '62. (MIRA 15:6)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta Soveta Ministrov RSFSR po delam mestnoy promyshlennosti i khudozhestvennykh promyslov RSFSR (for Leonova).
 2. Upravlyayushchiy kontoroy "Lengorvtorsyr'ye" (for Parkhomenko).
 3. Direktor Leningradskoy Sortirovochno-moyechnoy fabрики No.1 kontory "Leningradsyr'ye" (for Brusser).
 4. Glavnyy inzh. Leningradskoy Sortirovochno-moyechnoy fabрики No.1 kontory "Lengorvtorsyr'ye" (for Merkina).
 5. Direktor fabрики "Vtorpron" kontory "Lengorvtorsyr'ye" (for Martynenko).
 6. Spetsial'nyy korrespondent zhurnala "Mestnaya promyshlennost' i khudozhestvennyye promysly", (for Yegorov).
 7. Inspektor po kadram fabрики "Trud" (for Nutskiy).
 8. Direktor fabрики "Trud", g. Leningrad (for Artemov).
 9. Zamestitel' direktora fabрики "Trud", g. Leningrad (for Zhmudskiy).
- (Leningrad--Salvage (Waste, etc))

L 40764-65

ACCESSION NR: AP5012324

UR/0286/64/000/022/0012/0012

AUTHOR: Ustinova, Ye. T.; Pirumov, A. I.; Vershinina, K. I.; Baryakina, V. S.;
Nutskova, M. G. 4
B

TITLE: Method for manufacturing filters. Class 8, No. 166298

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1964, 12

TOPIC TAGS: industrial filter, air conditioning equipment, synthetic material

Translation: A method has been patented for making filters which clean the dust from air (gas). The filters consist of a mixture of fiber materials processed by dispersion and based on synthetic resins and rubber, e.g. SKN-40. In order to produce a filter with a uniform structure and good filtering properties, a mixture of chemical fibers with a low metric gauge and natural or synthetic fibers with a high metric gauge is used. 2. A method of this description in which 10-40% chemical fibers with a low metric gauge and 90-60% natural or synthetic fibers with a high metric gauge are used. 3. A method of this same description in which 8 grams per liter of common table salt is introduced into the latex dispersion in

Card 1/2

L 40764-65

ACCESSION NR: AP5012324

ler to make the filter material heat resistant. 4. A method of this
 scription in which an OP type compound is introduced into the latex dis-
 rsion in order to make the material fireproof.

ASSOCIATION: Nauchno-issledovatel'skiy institut sanitarnoy tekhniki Akademii
 Stroitel'stva i Arkhitektury SSSR (Scientific Research Institute of Sanitary
 Engineering of the Academy of Construction and Architecture, SSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, MT

NO REF SOV: 000

OTHER: 000

JPRS

Card

2/2

ABULADZE, V.I.; NUTSUBIDZE, A.G., prof., doktor ekon. nauk, red.;
VARDANIYA, E., tekhn. red.

[Domestic trade of the Georgian S.S.R., 1921-1932] Vnutrenniaia
torgovlia Gruzinskoi SSR, 1921-1932 gg. Tbilisi, Izd-vo M-va
torg. Gruzinskoi SSR. Pt.1. 1962. 342 p. (MIRA 15:12)
(Georgia--Commerce)

15-57-3-3477

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 146 (USSR)

AUTHORS: Kakhadze, I. R., Tsagareli, A. L., Nutzubidze, K. Sh.,
Zesashvili, V. I.

TITLE: The Geologic Structure of the Belt of Jurassic Coal-
Bearing Rocks of the Northern Caucasus Between the Malka
and Bol'shoy Zelenchuk Rivers (Geologicheskoye
stroyeniye polosy yurskikh uglenosnykh otlozheniy
Severnogo Kavkaza mezhduraznitsami Malkoy i Bol'shim
Zelenchukom)

PERIODICAL: Tr. Labor. geol. uglya AN SSSR, 1956, Nr 6, pp 340-349

ABSTRACT: The oldest member of the Jurassic sequence is a coal-
bearing series of Liassic rocks, which lies with marked
unconformity on a slightly undulating surface of red
Paleozoic granites and late Precambrian crystalline
schists. It attains a thickness of 600 to 700 m in
the middle and western parts of the investigated belt,
and decreases to zero by depositional and erosional

Card 1/3

15-57-3-3477

The Geologic Structure of the Belt (Cont.)

wedge-out to the east and north. The series is composed of massive sandstones and units of thin-bedded quartz sandstones; siltstones; sandy, argillaceous, and carbonaceous shales; mudstones; and layers and seams of coal. Autochthonous coal beds are confined to the middle (productive) part of the series, occurring toward the bottom of this middle unit. Scarce fresh-water fossils (pelecypods) indicate that the rocks in the eastern part of the belt accumulated principally in a continental environment. The western part is distinguished by a dominance of marine sedimentation. The age of the coal-bearing series is determined by the discovery of Pliensbachian fossils. The clastic Tsebel'da series (150 to 200 m thick along the Bizhgon River in the western part of the belt), conformable with the coal-bearing series, is referred to the upper Pliensbachian and to the Domerian. Above this series there occurs a volcanic series assigned to the Domerian and lower Toarcian. Fossiliferous clastic rocks of the upper Toarcian (up to 100 m) overlies older formations transgressively. Clay-sand deposits of the Aalenian (50 to 120 m thick) are divided into four zones. Conglomerates and sandstones, Card 2/3

KAKHADZE, I.R., prof. [deceased]; TSAGARELI, A.L., prof.; NUTSUBIDZE, K.Sh., kand.nauk; ZESASHVILI, V.I., kand.nauk; GAMKRELIDZE, P.D., red.; DATIASHVILI, E.V., red.izd-vs; TODUA, A.R., tekhnred.

[Monographs] Monografii. Tbilisi. No.9. [Geology of the coal-bearing band in the Baksan-Urup interfluve] Geologicheskoe stroenie polosy uglenosnykh otlozhenii mezhdru basseinami rr. Baksana i Urupa. 1960. 139 p. (MIRA 13:12)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Geologicheskii institut.
(Baksan Valley--Coal geology)
(Urup Valley--Coal geology)

NUTSUBIDZE, K.Sh.; CHIKHRADZE, G.A.; ADAMIYA, Sh.A.

Interrelationship of the Dizskaia series and the Lias sediments
of Svanetia. Dokl. Ak. SSSR 149 no.6:1412-1413 Ap '63.

(MIRA 16:7)

1. Geologicheskii institut AN Gruzinskoy SSR. Predstavleno
akademikom V.I.Smirnovym.

(Svanetia—Geology, Stratigraphic)

NUTSUBINEF, A. A.

Isotopic sponges of the Dzirula Massif. Trudy Geol. inst. AN Gruz.
SSR. Geol. ser. 14:5-36 '65. (MIRA 18:7)

NUTSUBIDZE, M. A.

"The Problem of the Nervous Control of the Periodic Pulsations of the Lumen of Blood Vessels." Cand Med Sci, Tbilisi Medical Inst, Tbilisi, 1954. (RZhBiol, NO 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

NUTSUBIDZE, M. A.

✓ 0688. Periodic expansion and contraction of blood vessels. M. A. Nutsbidze, *Sovetsk. Akad. Nauk, Gruz. S.S.R.*, 1955, 18, 319-324; *Referat. Zh. Biol.*, 1956, Abstr. No. 87327.—In rabbits, using a photo-cell fixed in a special way to the ear, colour changes caused by expansion or contraction of the tunics of the arteries were recorded. These consisted of non-rhythmical changes. They cease on reflex contraction of the blood vessels as a result of movement of the animal, defensive or righting reflexes, drowsiness, or sleep, and temp. $+24^{\circ}$. At low temp. ($+13-17^{\circ}$) the vessels are contracted; at high temp. ($+30-35^{\circ}$) they are dilated. The dilation may be persistent, spreading from the base of the ear or it may take place at the same time along the whole length of the artery. (Romanian.) H. ASHER

Acad. Sci. Geo. S.S.R., Inst. Physiology, Tbilisi

DZIDZISHVILI, N.N.; NUTSUBIDZE, M.A.

Conditioned response to growing intensity of sound [with English summary in insert] Zhur.vys. nerv. deiat. 6 no.5:726-731 S-O '56. (MIRA 10:2)

1. Institut fiziologii Akademii nauk Gruzinskoy SSR, Tbilisi.

(REFLEX, CONDITIONED

form, rate, differentiation & extinction of motor
defense reflex to sound of growing intensity in dogs)

NUTSUBIDZE, M.A.

Role of sympathin and histamine in the development of the Orbell-Ginetsinskii phenomenon. Soob. AN Gruz. SSR 20 no. 3:353-358
Mr '58. (MIRA 11:7)

1. AN GruzSSR, Institut fiziologii im. I.S.Beritashvili. Predstavleno akademikom I.S.Beritashvili.

(SYMPATHIN)

(HISTAMINE)

(NERVOUS SYSTEM, SYMPATHETIC)

(MUSCLE)

ORDZHONIKIDZE, P.A.; NUTSUBIDZE, M.A.

Role of the neocortex in the emotional reactions of the cat.
Soob.AN Gruz.SSR 23 no.2:187-192 Ag '59. (MIRA 13:2)

1. Institut fiziologii AN GruzSSR, Tbilisi. Predstavleno
akademikom I.S.Beritashvili.
(Cerebral cortex) (Emotions)

NUTSUBIDZE, M.A.; ORDZHONIKIDZE, TS.A.

Behavioral reactions of cats following the removal of the neocortex.
Trudy Inst. fiziol. AN Gruz, SSR 12:85-93 '61. (MIRA 15:2)
(CEREBRAL CORTEX) (CONDITIONED RESPONSE)

ORDZHONIKIDZE, TS.A.; NUTSUBIDZE, M.A.

Role of archicortex in the emotional reactions of cats. Trudy Inst.
fiziol. AN Gruz. SSR 12:95-105 '61. (MLA 15:2)
(CEREBRAL CORTEX) (EMOTIONS)

NUTSUBIDZE, M.A.

Role of the gyrus hippocampi in the emotional reactions of the cat.
Soob.**AN** Gruz.SSR 26 no.1:79-86 Ja '61. (MIRA 14:3)

1. **AN** Gruzinskoy SSR, Institut fiziologii, Tbilisi. Predstavleno
akademikom I.S. Beritashvili.

(BRAIN--LOCALIZATION OF FUNCTIONS)

(CONDITIONED RESPONSE)

NUTSUBIDZE, M.A.

Role of the hippocampal convolution in the formation of temporary connections. Soob. AN Gruz. SSR 27 no.6:765-770 D '61.

(MIRA 15:2)

1. Institut fiziologii AN Gruzinskoy SSR, Tbilisi. Predstavleno akademikom I.S.Beritashvili.

(CONDITIONED RESPONSE)

(BRAIN)

NUTSUBIDZE, M.A.

Sequelae of the removal of the orbital surface (orbital cortex)
of the frontal lobes in cats. Sov. AN Gruz. SSR 28 no.6:
717-724 Je '62. (MIRA 15:7)

1. AN Gruzinskoy SSR, Institut fiziologii, Tbilisi. Predstavleno
akademikom I.S.Beritashvili.
(CEREBRAL CORTEX--SURGERY)

NUTSHIDZE, M.A.

Emotional reactions of a cat evoked by stimulation of the
gyrus cinguli. Trudy Inst. Fiziol. AN Gruz. SSR 13:103-
111 '63. (MIPA 1786)

NUTSUBIDZE, N. N.

USSR/Chemistry - Biochemistry

Card : 1/1

Authors : Durmishidze, S. V. and Nutsubidze, N. N.

Title : Chromatographic investigations of tannic acid of grape vines

Periodical : Dokl. AN SSSR, 96, Ed. 6, 1197 - 1199, June 1954

Abstract : Chromatographic investigations of tannic acid of grape vines during the ripening period revealed the presence of l-galocatechin, dl-galocatechin, dl-catechin and d-epicatechingallate. In addition to above mentioned components tannic acid also contains the products of conversion of these components. Six references. Graphs.

Institute : Acad. of Sc. Georg-SSR, Institute of Viti- and Viniculture

Presented by: Academician A. I. Oparin, April 1, 1954

7-Med Ray "maieirization" of wines. R. Ya. Kiplani and N. N. Nutsabidze. *Vinodelia i Vinogradovstvo S.S.S.R.* 13, No. 6, 16-17 (1958).-- The strong wines when exposed to the action of γ -ray acquire organoleptic and chem. characteristics similar to those produced by "maieirization" (thermal treatment in sunlight or in special containers). In both treatments the contents of alc., of tannins, of coloring matter, and of phloroglucinol content of the tannins decrease. The contents of aldehydes and acetals increase. The action of γ -rays decreases pH and causes sedimentation. The γ -ray treatment accelerates formation of Madeira-type and port wines. M. Charmandarian.

2

NUTSUBIDZE, N.N.

Transformation of catechols during maderization of wine. Soob.
AN Gruz. SSR 21 no.1:51-56 J1 '58. (MIRA 11:10)

1. AN GruzSSR, Institut botaniki, Biokhimicheskaya laboratoriya,
Tbilisi Predstavleno akademikom S.V. Durmishidze.
(Catechol) (Madeira wine)

NUTSUBIDZE, N.N.; GULBANI, D.I.

Anthocyanins of grape leaves. Soob.AN Gruz.SSR 23 no.6:671-676 D
'59. (MIRA 13:6)

1. Laboratoriya biokhimii Instituta botaniki AN GruzSSR, Tbilisi.
Predstavleno akademikom S.V.Durmishidze.
(Anthocyanins) (Grapes)

DURMISHIDZE, S.V.; NUTSUBIDZE, N.O.

Anthocyanin pigments in grapes. Soob. AN Gruz.SSR 21 no.6:677-684
D '58. (MIRA 12:4)

1. AN GruzSSR, Biokhimicheskaya laboratoriya Institut botaniki.
(Grapes) (Anthocyanins)

BZHALAVA, I.T.; NUTSUBIDZE, SH.I., dayatvitel'nyy chlen.

Process of the fixation of direction. Soob.AN Gruz.SSR 13 no.9:561-568 '52.
(MLRA 6:5)

1. Akademiya Nauk Gruzinskoy SSR. Institut psikhologii im. D.N. Uznadze
Tbilisi (for Bzhalava). 2. Akademiya Nauk Gruzinskoy SSR (for Nutsbidze).
(Orientation)

NUTSUBIDZE, SH. V.

"The Role of Remedial Gymnastics in Tskhaltubo Water in the Complex Treatment of Patients with Spinal Ailments (Spondylarthritides and Spondyloses)." State Order of Lenin and Order of Red Banner Inst. of Physical Culture imeni P. F. Lesgaft, Leningrad, 1955.
(Dissertation for the Degree of Candidate in Pedagogical Sciences)

SO: Knizhnaya Letopis', No. 22, 1955, pp 93-105

NUTSUBIDZE, Sh.V.

Exercise therapy in Tskhaltubo vasins in treating spinal lesions;
spondyloarthritis and spondylosis. Vop.kur., fizioter. i lech.fiz.
kul't. no.4:43-47 O-D '55. (MIRA 12:12)

1. Iz Instituta kurortologii i fizioterapii Gruzinskoy SSR (dir. -
Kand.med.nauk V.G. Gogibedashvili; rukovoditel' raboty - prof. V.N.
Moshkov).

(SPONDYLITIS, ANKYLOSING, therapy,
exercise ther., underwater)

(SPONDYLOSIS, therapy,
exercise ther., underwater)

(EXERCISE THERAPY, in various diseases,
ankylosing spondylitis & spondylosis deformans,
underwater ther.

NUTSUBIDZE, T. I.

Nutsubidze, T. I. "The hydrography of southern Ossetiya,"
Trudy Geogr. o-va Gruz. SSR, Vol I-II, 1949, p. 85-96
(In Georgian, resume in Russian), Bibliog: 7 items

SO; U-5241, 17 DEcember 1953, (Leto is 'Zhurnal 'nykn Statey, NO. 26, 1949)

NOTS VOIDZE

Def. at
Tbilisi State U.

[illegible]

**Dissertation for degree of
Candidate (Geographical Sciences)**

DISCUSSION. T. I.

Effect of some mineral waters on the motor activity of the rat.
Izvest. AN Gruz. SSR (3) no. 1:195-202. 1965.

(MIRA 18:12)

1. Tbilisskiy gosudarstvennyy meditsinskiy institut. Submitted:
May 20, 1965.

HORNET, N.N., dr.; FARCHI, A., dr.; RUSS, M., dr.; NUTU, J., cnim.

Metabolic disorders in obesity. Med. intern. (Bucur) 16
no.9:1079-1090 S '64.

1. Lucrare efectuata in Serviciul de boli interne (medic sef:
dr. M. Russ) Laboratorul policlinici nr. 10, Bucuresti (medic
sef: dr. E. Sandulescu).

ILIESCU, C.C., prof.; ILIESCU, Matei, dr.; ROMAN, L., dr.; IACOBINI, P., dr.;
CONSTANTINESCU, S., chimist; NUTU, S.

The action of nicotinic acid on blood lipids in atherosclerosis.
Med. intern. 15 no.1:39-49 Ja '63.

1. Lucrare efectuata in Centrul de asistenta a cardiacilor A.S.C.A.R.,
Bucuresti.

(ARTERIOSCLEROSIS)

(NICOTINIC ACID)

(BLOOD LIPIDS)

NICULESCU, Gheorghe, ing.; NUTULESCU, Rodica, ing.

Sole leather tanning by condensation of tanning substances with urea-formaldehyde resins. Industria usoara 11 no. 8:403-410 Ag '64.

1. Director of the Research Institute for Leather and Rubber, Bucharest (for Niculescu). 2. Researcher, Research Institute for Leather and Rubber, Bucharest (for Nutulescu).

NUTZUBIDZE, M.A.

Role of the hippocampus in higher nervous activity. Zhur.vys.
nerv.deiat 14, no.1:172-179 Ja-F '64. (MIRA 17:6)

1. Institute of Physiology, Georgian Academy of Sciences, Tbilisi.

NUUT, O.

"Problems connected with the development of Estonian horse breeds."

p. 547 (Sotsialistlik Põllumajandus) Vol. 12, no. 12, Dec. 1957
Tallinn, Estonia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

NUUT, O

Determination of the breeding qualities of studhorses on the basis of the qualities of their offspring. p. 358.

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Sanitarnych, Ogrzewnictwa i Gazownictwa)
Warszawa, Poland, Vol. 13, no. 8, Aug. 1958.

Monthly list of East European Accession (EEAI) LC, Vol. 9, no 2, Feb. 1960

Uncl.

NUUT, O.

AGRIC LTURE

Periodical: SOTSIALSTLIK POLLOMAJANDUS Vol. 14, no. 3, 1959 Feb.

NUUT, O. The breeding qualities of Estonian horse breeds. p. 112.

Monthly List of East European Accessions (EEAI) LC, Vol. 4, No. 5,
May 1959, Unclass.

NUVAR'YEV, A.S., dotsent.

The efficiency of individual processes of the differentiation
method in the Central Scientific Research Institute of Geodesy,
Aerial Photography, and Cartography. Sbor.st.po geod. no.6:
3-17 '54. (MLRA 9:6)
(Aerial photogrammetry)